

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
20389/81866SERIAL NO.
UnknownLIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Toshio Kobayashi et al.FILING DATE
December 221998GROUP
Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A						
	B						
	C						
	D						
	E						
	F						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
EC	L	61-176346	08/08/86	Japan				X
EC	M	62-69867	03/31/87	Japan				X
	N							
	O							
	P							

OTHER REFERENCES (Including Author,

Title, Date, Pertinent Pages, Etc.)

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EXAMINER

Elizabeth M. Oe

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Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
20389/81866SERIAL No.
09/220,223SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENTAPPLICANT
Toshio Kobayashi et al.FILING DATE
December 23, 1998GROUP
1771

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
EC	A	4,665,597	05/19/87	Migaku et al.			
	B						
	C						
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		Document Number	Date	Country	Class	Subclass	Translation Yes No
EC	L	EP 0 215 684 A	03/25/87	Europe			
EC	M	JP 55 068367 A	05/23/80	Japan (English Abstract)			
EC	N	JP 05 277053 A	10/26/93	Japan (English Abstract)			
EC	O	JP 09 324354 A	12/16/97	Japan (English Abstract)			
EC	P	EP 0 560 556 A	09/15/93	Europe			
EC	Q	WO 96 12849 A	05/02/96	World Patent			

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner

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